

Project Title	Funding	Strategic Plan Objective	Institution
Enabling use of blood spot cards for accurate high throughput Fragile X screening	\$1,011,519	Q1.S.A	ASURAGEN, INC.
(SDAS) Making a More Effective and Efficient SCQ	\$100,000	Q1.S.B	Texas Tech University
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Electrophysiological Correlates of Cognitive Control in Autism	\$128,277	Q1.L.B	UT SOUTHWESTERN MEDICAL CENTER
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of Texas Health Science Center, San Antonio
Identification of candidate serum antibody biomarkers for ASD	\$0	Q1.L.B	University of Texas Southwestern Medical Center
THE GENETIC AND NEUROANATOMICAL ORIGIN OF SOCIAL BEHAVIOR	\$100,657	Q2.S.B	BAYLOR COLLEGE OF MEDICINE
Mechanisms of synapse elimination by autism-linked genes	\$150,000	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$405,319	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
Role of MEF2 and neural activity in cortical synaptic weakening and elimination	\$387,160	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
Motor cortex plasticity in MeCP2 duplication syndrome	\$62,500	Q2.S.D	Baylor College of Medicine
Mouse Model of Dup15q Syndrome	\$670	Q2.S.D	Texas AgriLife Research
FMRP regulates the pruning of cell-to-cell connections in the neocortex	\$79,500	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
Mechanisms and Rescue of Neural Circuit Dysfunction in Mecp2 Mutant Mice	\$92,578	Q2.S.D	BAYLOR COLLEGE OF MEDICINE
TMLHE deficiency and a carnitine hypothesis for autism	\$0	Q2.S.D	Baylor College of Medicine
HIGH THROUGHPUT SEQUENCING OF AUTISM SPECTRUM DISORDER (ASD) ENDOPHENOTYPES	\$39,876	Q2.S.G	BAYLOR COLLEGE OF MEDICINE
Simons Variation in Individuals Project (VIP) Site	\$0	Q2.S.G	Baylor College of Medicine
Multisensory processing in autism	\$60,000	Q2.Other	Baylor College of Medicine
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$0	Q2.Other	University of Texas Health Science Center, San Antonio
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$0	Q2.Other	Baylor College of Medicine
Social Cognitive Profiles of Autism and Schizophrenia	\$439,762	Q2.Other	UNIVERSITY OF TEXAS DALLAS
Role of autism-associated chromatin remodeler Brg1 in neuronal development	\$238,500	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
Bidirectional Tyrosine Kinase Signaling	\$614,042	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
Hippocampal mechanisms of social learning in animal models of autism	\$125,000	Q2.Other	Baylor College of Medicine
Molecular mechanisms of the synaptic organizer alpha-neurexin	\$388,750	Q2.Other	UNIVERSITY OF TEXAS MEDICAL BR GALVESTON
Motor Control and Cerebellar Maturation in Autism	\$157,148	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER

Project Title	Funding	Strategic Plan Objective	Institution
Prenatal Timing of Heavy Metal Exposures from Autistic and Non-Autistic Children	\$231,692	Q3.S.B	University of Texas Health Science Center, San Antonio
Epidemiological Research on Autism in Jamaica - Phase II	\$564,795	Q3.S.H	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON
Identifying Biomarkers of GI Morbidity in ASD: Linking Multi-omics and Human Behavior	\$238,997	Q3.S.I	Baylor College of Medicine
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$601,636	Q3.S.J	BAYLOR COLLEGE OF MEDICINE
Simons Simplex Collection support grant	\$10,000	Q3.L.B	Baylor College of Medicine
Rat knockout models of ASD	\$0	Q4.S.B	Baylor College of Medicine
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$0	Q4.S.B	Baylor College of Medicine
Animal Model of Speech Sound Processing in Autism	\$251,777	Q4.S.B	UNIVERSITY OF TEXAS DALLAS
Striatal synaptic Abnormalities in Models of Autism	\$397,500	Q4.S.B	UT SOUTHWESTERN MEDICAL CENTER
Novel Genetic Models of Autism	\$328,415	Q4.S.B	UT SOUTHWESTERN MEDICAL CENTER
Temporally controlled genetic rescue of Shank3 autism model	\$0	Q4.S.B	University of Texas Southwestern Medical Center
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$0	Q4.S.B	University of Texas Southwestern Medical Center
THE GENETIC AND NEUROANATOMICAL ORIGIN OF SOCIAL BEHAVIOR	\$391,250	Q4.S.B	BAYLOR COLLEGE OF MEDICINE
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	Q4.S.B	University of Texas Health Science Center, San Antonio
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders in an early childhood classroom	\$0	Q4.L.D	Chapin Hall at University of Chicago
Increasing variability of verbal initiations through the responses of conversation patterns	\$0	Q4.Other	Texas Christian University
Improving access to care for challenging behavior using a parent-to-parent mentoring approach	\$20,000	Q5.L.C	University of Houston, Clear Lake
Project CHANGE (Children with Autism Need a Great Education)	\$0	Q5.Other	University of Texas at El Paso
Project STArT: Systematic Training of Autism Teachers	\$249,699	Q5.Other	University of North Texas
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$0	Q5.Other	University of North Texas
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$0	Q5.Other	University of Texas of the Permian Basin

Project Title	Funding	Strategic Plan Objective	Institution
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
Texas Educators for Students with Autism (TESA)	\$0	Q5.Other	Texas State University-San Marcos
Preparation of leaders across the lifespan for autism	\$250,000	Q7.K	Texas A&M University
NMR/cyro-mMR Machine	\$250,000	Q7.P	Texas Children's Hospital

